24. (New) The charge-modified proteinaceous compound of claim 21 wherein said compound is charge modified to yield a compound with an acidic shift in isoelectric point.

25. (New) The charge-modified proteinaceous compound of claim 24 wherein said compound exhibits a serum half-life that is at least 10% greater than the serum half-life of the unmodified protein.

AB cont'd

26. (New) The charge-modified proteinaceous compound of claim 24 wherein said compound exhibits a serum half-life that is at least 20% greater than the serum half-life of the unmodified protein.

27. (New) The charge-modified proteinaceous compound of claim 24 wherein the shift in isoelectric point is one-tenth of a pH unit or greater.

28. (New) The charge-modified proteinaceous compound of claim 27 wherein said compound exhibits a serum half-life that is at least 10% greater than the serum half-life of the unmodified protein.

29. (New) The charge-modified proteinaceous compound of claim 27 wherein said compound exhibits a serum half-life that is at least 20% greater than the serum half-life of the unmodified protein.

30. (New) The charge-modified proteinaceous compound of claim 24 wherein modification of the charge results from negatively charged groups taken from the group consisting of phosphates, phosphonates, sulfates, nitrates, borates, silicates, carbonates and carboxyl groups.

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31. (New) The charge-modified proteinaceous compound of claim 24 wherein an anion-forming reagent reacts with a functional group of the compound to be charge modified.

32. (New) The charge-modified proteinaceous compound of claim 31 wherein the anion-forming reagent reacts with a primary amine of the compound to be modified.

33. (New) The charge-modified proteinaceous compound of claim 32 wherein the anion-forming reagent is selected from the group consisting of active esters, maleimides and anhydrides.

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34. (New) The charge-modified proteinaceous compound of claim 33 wherein active esters are selected from the group consisting of N-hydroxysuccimidyl, thiophenyl, 2,3,5,6-tetrafluorophenyl, and 2,3,5,6-tetrafluorothiophenyl esters.

35. (New) The charge-modified proteinaceous compound of claim 31 wherein the anion-forming reagent is selected from the group consisting of glyoxal, phenylglyoxal, cyclohexanedione, N-ethylmaleimide substituted with carboxyl groups, cyclic anhydrides, aliphatic anhydrides, pH-reversible anhydrides, alpha halo acids, and diacids or triacids substituted with a functional group that reacts with amino acid sidechains.

36. (New) The charge-modified proteinaceous compound of claim 35 wherein the anion-forming reagent is succinic anhydride.